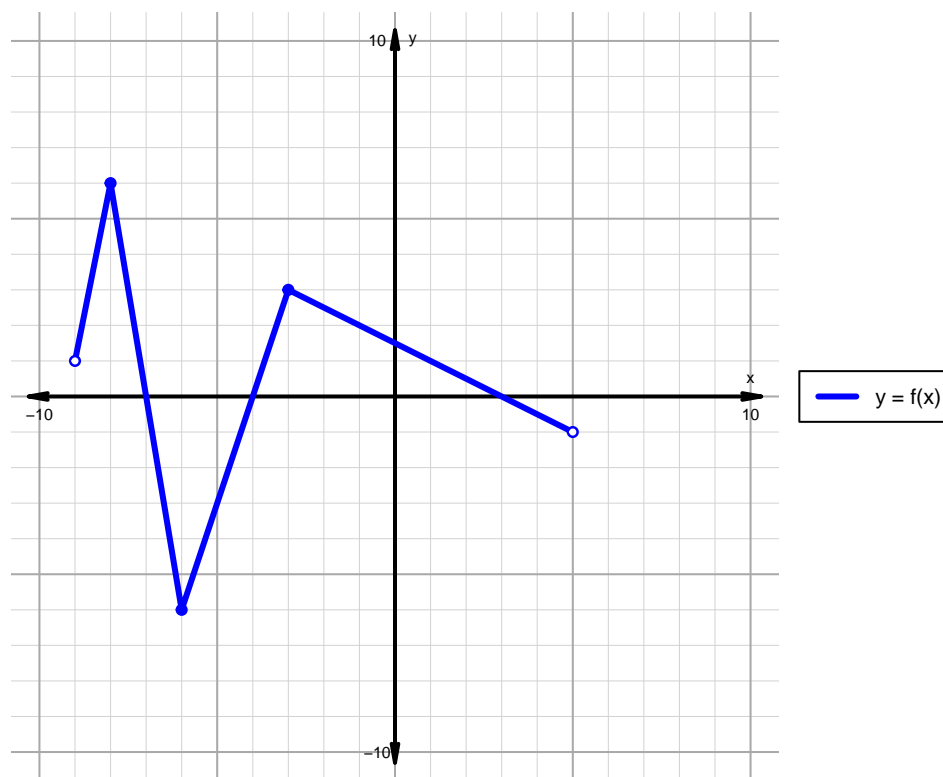


Name: _____

Date: _____

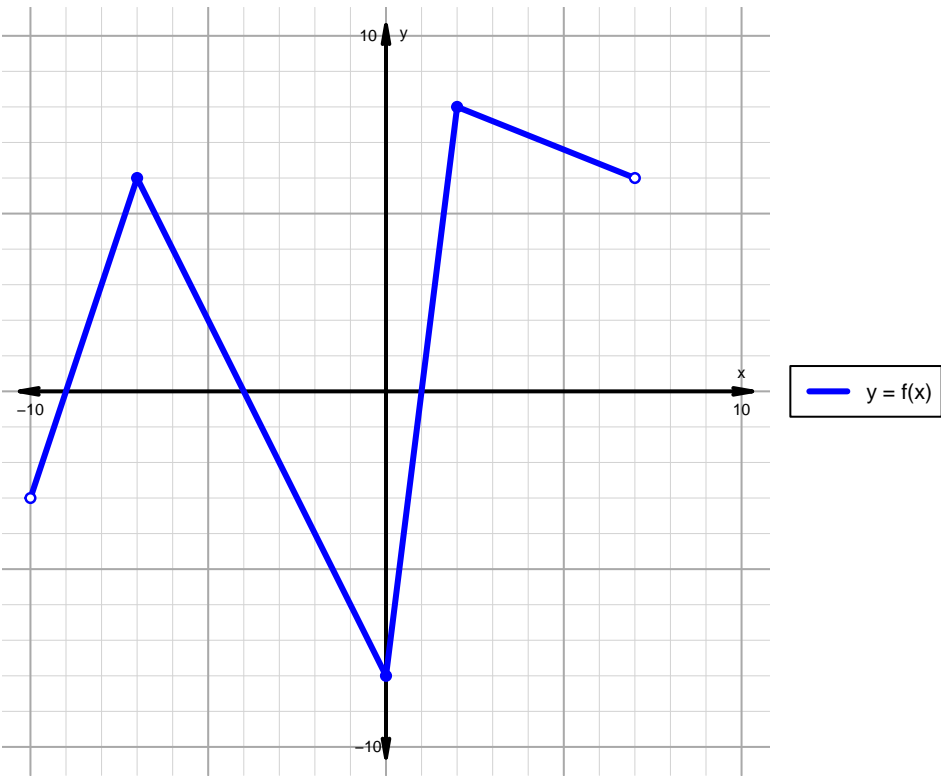
Function-Feature Intervals (version 6)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, -7) \cup (-4, 3)$
Negative	$(-7, -4) \cup (3, 5)$
Increasing	$(-9, -8) \cup (-6, -3)$
Decreasing	$(-8, -6) \cup (-3, 5)$
Domain	$(-9, 5)$
Range	$(-6, 6)$

Function-Feature Intervals (version 6)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, -4) \cup (1, 7)$
Negative	$(-10, -9) \cup (-4, 1)$
Increasing	$(-10, -7) \cup (0, 2)$
Decreasing	$(-7, 0) \cup (2, 7)$
Domain	$(-10, 7)$
Range	$(-8, 8)$